FIG. 1

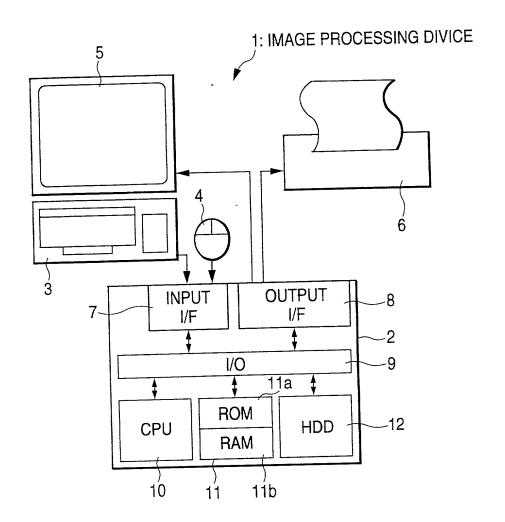
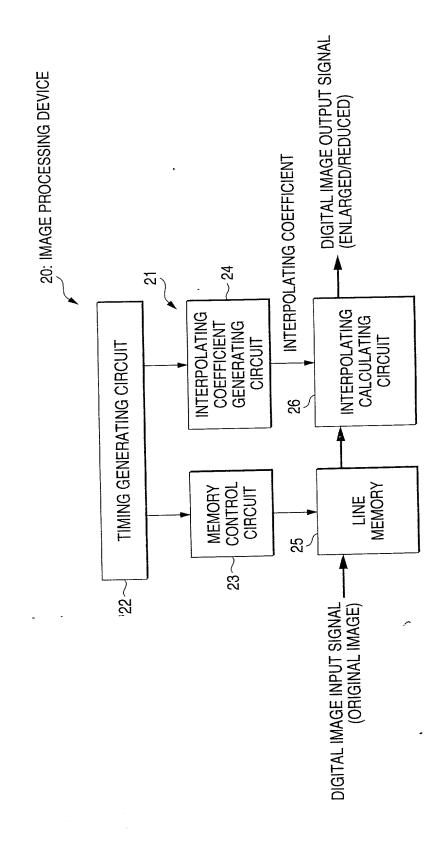


FIG. 2



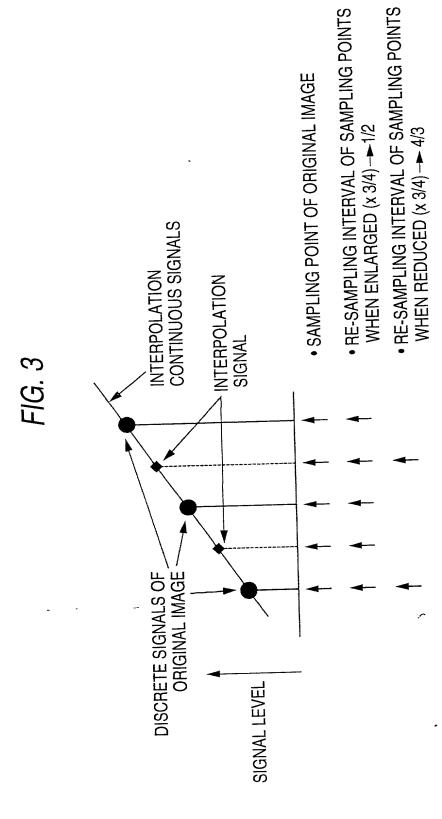


FIG. 4

OUTPUT IMAGE WHEN ENLARGED (x 2 TIMES)

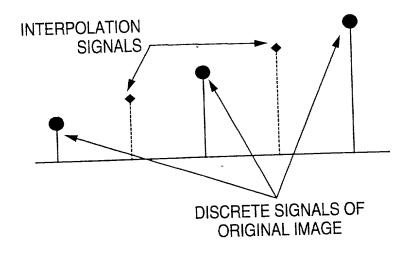


FIG. 5
OUTPUT IMAGE WHEN ENLARGED (x 3/4 TIMES)

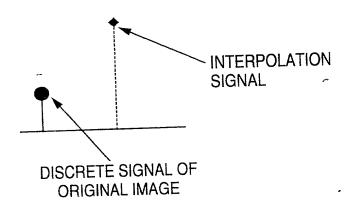


FIG. 6

## INTERPOLATING FUNCTION BASED ON BI-LINEAR METHOD

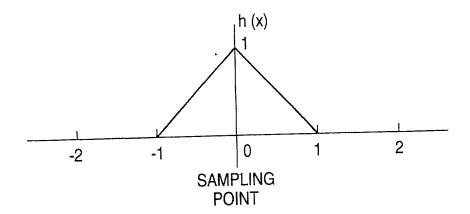


FIG. 7

# INTERPOLATING FUNCTION BASED ON CUBIC CONVOLUTION METHOD

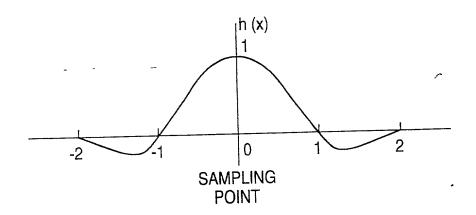


FIG. 8

#### INTERPOLATING FUNCTION (1)

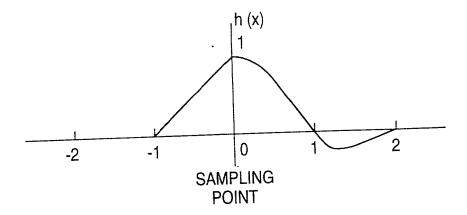
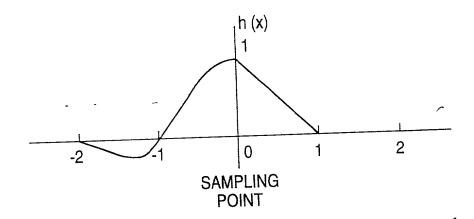
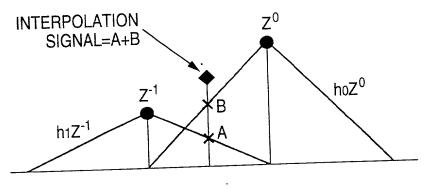


FIG. 9

#### INTERPOLATING FUNCTION (2)

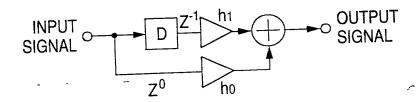


### FIG. 10



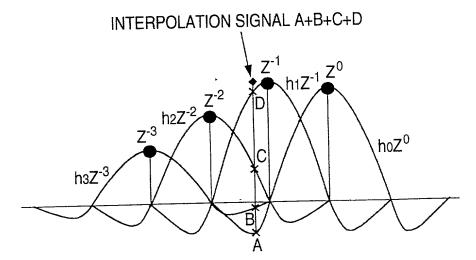
CONVOLUTION IN BI-LINEAR INTERPOLATING METHOD

## FIG. 11



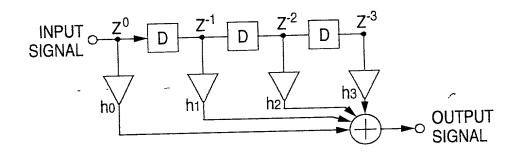
FIR FILTER OF BI-LINEAR POLATING METHOD

### FIG. 12



CONVOLUTION IN CUBIC CONVOLUTION INTERPOLATING METHOD

### FIG. 13



FIR FILTER OF CUBIC CONVOLUTION INTERPOLATING METHOD

FIG. 14

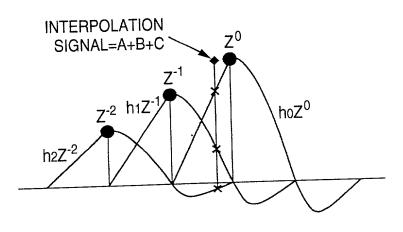


FIG. 15

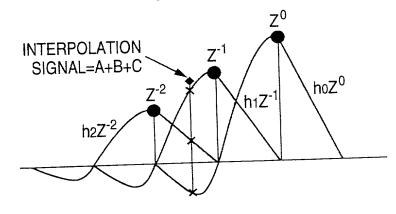


FIG. 16

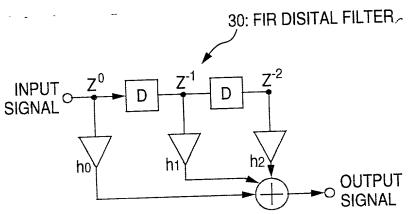


FIG. 17

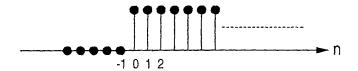


FIG. 18

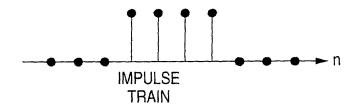
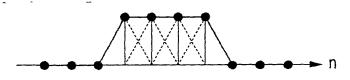


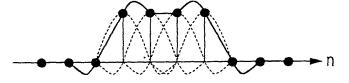
FIG. 19



RESPONSE OF INTERPOLATING FUNCTION BASED ON BI-LINEAR METHOD

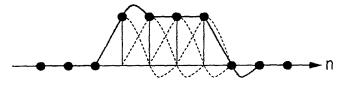
District in the contract

FIG. 20



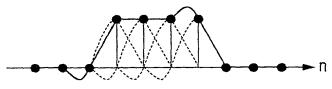
RESPONSE OF INTERPOLATING FUNCTION BASED ON CUBIC CONVOLUTION METHOD

FIG. 21



RESPONSE OF INTERPOLATING FUNCTION (1)

FIG. 22



RESPONSE OF INTERPOLATING FUNCTION (2)

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